

Date: Wed, 6 Oct 93 04:30:05 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1184
To: Info-Hams

Info-Hams Digest Wed, 6 Oct 93 Volume 93 : Issue 1184

Today's Topics:

 "Ham Windows" ?
 distance from long/lat
 Help!
 JNOS under Coherent (2 msgs)
 KENWOOD TS-820S +17m FOR SALE!!!
 Motorola ad in QST?
 Need Help w/ ICOM Repeater..
 RG-8/M questions?
 Selling license info (was: Re: 6 weeks
 TNC's / IBM PC Jr

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 5 Oct 1993 17:00:45 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!sol.ctr.columbia.edu!
news.kei.com!yeshua.marcam.com!zip.eecs.umich.edu!umn.edu!csus.edu!netcom.com!
rbloom@network.ucsd.edu
Subject: "Ham Windows" ?
To: info-hams@ucsd.edu

How sophisticated is the propagation-prediction module in the
Ham-Windows software? Does it include a full-fledged time-dependent
ionospheric model and a full-fledged atmospheric noise model
of some sort? Is it worth the money? :)

Ron

WA6MQC

Date: 5 Oct 1993 12:22:46 -0400
From: vtserf.cc.vt.edu!csugrad.cs.vt.edu!not-for-mail@uunet.uu.net
Subject: distance from long/lat
To: info-hams@ucsd.edu

I remember a few months ago people discussing how to calculate
distance from longitude/latitude of 2 locations.

I was wondering if someone could please forward that information
back to me.

Thanks,

73 de KE4FPN

--
Joe Reid, KE4FPN
jreid@csugrad.cs.vt.edu
rri!jreid@vtserf.cc.vt.edu
Mac and UNIX Systems Administrator, pool player, and professional do-nothing

jreid@mail.vt.edu
jreid@gnu.ai.mit.edu
vpcjoe@vtcs1.cs.vt.edu

Date: Tue, 5 Oct 1993 18:55:34 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!hela.iti.org!widener!dsinc!vu-
vlsi.ee.vill.edu!mobasser@network.ucsd.edu
Subject: Help!
To: info-hams@ucsd.edu

Can someone please tell me what newsgroup discusses satellite dishes for home
use. Thanks

Bijan

Date: Tue, 5 Oct 1993 19:01:30 GMT
From: darwin.sura.net!europa.eng.gtefsd.com!howland.reston.ans.net!
usenet.ins.cwru.edu!news.ecn.bgu.edu!feenix.metronet.com!henrys@seismo.css.gov
Subject: JNOS under Coherent
To: info-hams@ucsd.edu

Kenneth W. Friberg (friberg@mtu.edu) wrote:
: I am considering making the Linux port of JNOS work under Coherent 4.?.

: Have any of the packeteers in this newsgroup tried it? What problems am
: I looking at?

I was reading the latest Coherent catalog (they have released 4.2) and
under COHware Volume 5 (page 33 of the catalog) they say:

ka9q - A packet communications package that supports standard
networking protocols including SLIP, ... With ka9q, you can tie
Coherent systems together using either telephone lines, HAM radio,
or both.

Does this mean that they have an implementation of ka9q for Coherent?

BTW, you can email them at sales@mwc.com

--

| | |
|-----------------------|-----------------------------|
| Henry B. Smith - NA5K | henrys@feenix.metronet.com |
| 1380 Camino Real | Home phone (214) 562-3049 |
| McKinney, TX 75069 | Office phone (214) 333-6077 |

Date: 5 Oct 1993 17:19:56 GMT
From: swrinde!cs.utexas.edu!utnut!torn!nermal.cs.uoguelph.ca!herman!
hpulley@network.ucsd.edu
Subject: JNOS under Coherent
To: info-hams@ucsd.edu

Kenneth W. Friberg (friberg@mtu.edu) wrote:
: I am considering making the Linux port of JNOS work under Coherent 4.?.
: Have any of the packeteers in this newsgroup tried it? What problems am
: I looking at?

What is JNOS? I have never heard of it...(excuse my ignorance).

Harry

--

| | |
|------------------------------------|--|
| hpulley@uoguelph.ca | This message released It takes all kinds, |
| hcpiv@snowwhite.cis.uoguelph.ca | to the PUBLIC DOMAIN. and to each his own. |
| -----+----- | This thought in mind, |
| Stay away from the DOS side, Luke! | Un*x don't play that. I walk alone. |

Date: Tue, 05 Oct 1993 14:57:46 GMT
From: yuma!galen@purdue.edu
Subject: KENWOOD TS-820S +17m FOR SALE!!!
To: info-hams@ucsd.edu

Kenwood TS-820S (160 thru 10 +17m) For Sale!
Digital display has been cured of it's dropout problems!
Has tube finals and driver, tubes less than 3 months old!
Has 17m transcieve capability (70 Watts CW)!
Includes crystal for 12m mod, and the QST article with 12,17 and 10m mods!
Has 12VDC Converter!
Recently aligned, both RF and audio-sounds great!
Has owners' and service manual.
Asking \$450 or best offer.
Terms: UPS COD cash only, you pay shipping.

Phone 303-482-2316 or e-mail (sorry, no packet addr. at current time).

Galen Watts, KF0YJ
I reserve the right to refuse any or all offers.

Date: Tue, 5 Oct 1993 19:08:12 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!gatech!
kd4nc!n4tii@network.ucsd.edu
Subject: Motorola ad in QST?
To: info-hams@ucsd.edu

md@pstc3.pstc.brown.edu (System Operator) writes:

>In article <ab5_9310020805@yyz.mbsun.mlb.org>, mbsun.mlb.org!yyz!115-119!
Karl.Beckman (Karl Beckman) writes:

>|> As just one of 100,000+ employees, I'm guessing that the issue is one
>|> of SOFTWARE PIRACY, that is the modification of Motorola's copyrighted
>|> computer code used in most new radios. Specifically, to add features
>|> without paying for them and to extend the coverage beyond the design
>|> limits of the unit. I think Scott was right on both his comments.

>Err, I must be missing something...

>If I buy a computer, and decide to modify the firmware to
>give my system added capability, that is hardly "Software
>Piracy".

>I fail to see how, all things being equal, the modification
>of firmware within a Motorola radio is considered "software
>piracy".

>If you build additional features into the radio, and attempt
>to circumvent them through software control, and someone

>discovers this by reverse-engineering and publishes the
>"fixes", I again fail to see how this is considered
>"software piracy".

>Perhaps you'd like to explain in a little more detail
>the reasoning?

Here's a motorola example:

Suppose I own a motorola ~rMT1000 99ch VHF portable.

The radio has 2 different band spreads you can program the radio,
136-158 or something and then 146-174. Of course, this makes the radio
not a wise choice if I am in CAP, MARS, HAM operator, and a cop or fireman.
The way the software is set up, I can only get one or the other spread out
of the radio.... HOWEVER, you can modify the RSS programming software to
get BOTH band spreads out of the radio...(Note: the radio is capable of
the entire 136-174, but software limits you to only one or the other spreads)

Motorola just lost revenue....they would have liked for me to have bought
another MT1000 for the lo-split and have my other for the hi-split...

John Reed
n4tii

n4tii%kd4nc.uucp@gatech.edu

>MD

>--

>-- Michael P. Deignan
>-- Population Studies & Training Center
>-- Brown University, Box 1916, Providence, RI 02912
>-- (401) 863-2668

Date: 5 Oct 1993 18:53:24 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!sdd.hp.com!hpscit.sc.hp.com!
icon.rose.hp.com!hpchase.rose.hp.com!eric@network.ucsd.edu
Subject: Need Help w/ ICOM Repeater..
To: info-hams@ucsd.edu

I just purchased an ICOM RP-4020 440 repeater for ham use and I was wondering
if anyone has had any experience with the controller in this unit. I know I
would be better off if I replaced it with another controller but presently I
can't afford to do that. My question is if anyone has played around with the

programing to correct, what I feel is a major weakness, the ID'er timing. I can't believe that one could pay that much money to get a unit with a \$.50 controller. Does anyone have any ideas or heard anything, even from ICOM, on fixes for this thing?

Thanks in advance,
Eric Struble

--

>>>> "There's more ways to skin a cat than stickin' his head in a boot <<<<
>>>> jack and jerkin' on his tail", Texas Bix Bender <<<<

////

(o o)

```
*-----o00--(_)--00o-----*
|
| Eric Struble           Landline: 916.785.8288
| CPO Engineering       Internet: eric@terrapin.rose.hp.com|
| Support Materials Org. hp-Snail: MS R10-0L
| Hewlett-Packard       RF: N6PYF 146.745- (N6PYF/R)
| U.S.A.                AX.25: N6PYF@WA6NWE.#NOCAL.CA.USA
|
*-----*
```

Date: 5 Oct 1993 15:43:47 GMT

From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!
sol.ctr.columbia.edu!usenet.ucs.indiana.edu!master.cs.rose-hulman.edu!
news@network.ucsd.edu
Subject: RG-8/M questions?
To: info-hams@ucsd.edu

> It seems like an ideal compromise between RG-8 and RG-58 for the VHF bands.
> However, I can't find a mention of this in the ARRL Antenna Book, nor
> the ARRL Handbook. Does anybody have the exact antenuation factor, in
> dB per 100 ft.? Does anybody have any real experience with this stuff?
> Good, bad or indifferent?
>
> I also just noticed that its velocity factor is 78% as opposed to the
> 66% for both RG-8 and RG-58. Is this meaningful on 2m transmission?
=====

I wouldn't use RG-8M above 30 MHz. I used it on my R-5 antenna before I sold it.

73 de Jack, K9CUN

XX
XX
XXXXXXXXXXXXXXXXXXXX P A D D I N G XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XX
XX
XXXXXX

Date: 5 Oct 93 15:04:28 CDT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!
vixen.cso.uiuc.edu!uchinews!cdsmaill!raistlin!timbuk.cray.com!hemlock.cray.com!
cherry10!dadams@network.ucsd.edu
Subject: Selling license info (was: Re: 6 weeks
To: info-hams@ucsd.edu

In article 2372@arrl.org, bbattles@arrl.org (Brian Battles WS10) writes:

| Just curious (no flames!): For you personally, would it be good or bad for
| the ARRL to rent lists of names of recent successful license exam takers to
| Amateur Radio-oriented business, groups, etc?
|
| (BTW, the ARRL does rent its membership list, but it will be only too happy
| to remove your name from those rented if you write and request it to do so. In
| fact, you can check a box asking not to have your name rented out on your ARRL
| Membership Application Form.)

I personally don't mind if the ARRL gives out information about my recent
upgrade, for example, to third parties, as long as these third parties
pertain to Amateur Radio. I would not want them to give my name and
number to encyclopedia salesmen or religious groups, for example.

And if it means a lower membership fee, I don't mind their charging for
this information.

--David C. Adams Statistician Cray Research Inc. dadams@cray.com

Kilo Golf Zero India Oscar -(KG0IO)-

Date: Mon, 4 Oct 1993 12:33:19 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!pipex!bnr.co.uk!corpgate!
nrtpa038!brtph560!nt.com!cmwdr01@network.ucsd.edu

Subject: TNC's / IBM PC Jr
To: info-hams@ucsd.edu

>I need to know if a TNC Program will run in a IBM PC Jr with a 8088
>processor.

Yes. You can actually run any standard terminal or packet program if you have enough memory installed.

> Also if a VGA monitor can be used on it instead of a CGA
>if a board or what ever is changed.

The CGA is built-in to the motherboard. I don't think you can disable it but I haven't used a PC Jr in 5 years or so, you can check for PC Jr suppliers in Computer Shopper.

73 - Dave.

=====

Dave Redfearn, SR PC LAN Analyst Northern Telecom RTP, NC.
ph.(919) 992-3925 email: cmwdr01@nt.com qrl? de N4ELM/qrp

All opinions are my own and do not necessarily reflect the views of my employer, co-workers or any other person, living or dead.

Date: Tue, 5 Oct 1993 19:03:24 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!elroy.jpl.nasa.gov!swrinde!gatech!kd4nc!n4tii@network.ucsd.edu
To: info-hams@ucsd.edu

References <1993Sep30.192145.9801@mulvey.com>, <2119@bridge2.NSD.3Com.COM>, <28kjqk\$sjd@hp-col.col.hp.com>
Subject : Re: Motorola ad in QST?

bobw@col.hp.com (Bob Witte) writes:

>Peter Z. Simpson (peter_simpson@3Com.com) wrote:
>: [comments on somewhat vague Moto ad deleted]

>: I, too, was somewhat confused by the ad. Moto. seems to be concerned
>: about several things: cellular ESN fiddling, unlicensed operation and
>: 3rd party configuration services, software and hardware for Moto radios.
>: At least, that's what I got out of the ad.

> Well, I would guess that its got to relate to a portion of Mot's business
> that is serious bucks, like cellular radio. I doubt that they are concerned
> that people modify commercial gear for use on the ham bands, for example.
> (How much revenue would that cost Mot? Zip.)

> The ad seems like it was aimed at the two-way radio/cellular business, then
> at the last minute, some ad agency says you can also reach the target
> audience via QST. (Note that this ad did show up in Mobile Radio Technology,
> which would reach the target audience.) Anyway, this leaves Average Joe
> Ham thinking "what's Motorola's problem anyway, I use ICOM gear?".

> Just a few guesses here, no real data.

> Bob KB0CY

A friend of mine called the 1-800 number and wanted to know what the fuss was about...and basically, the guy that was talking of intellectual property rights and such is on the right path. What they are after is people selling enhancement software that adds features ~without the owner paying for them. Furthermore, the add is placed so that people that peddle the bootleg RIB boxes, cables, and the copyrighted RSS software will be out of business.

The local motorola service center here charges 40 bucks each time you need something programmed....if I owned a RIB, RSS, and the proper cables, I could advertise programming for 20 bucks and undercut the local motorola shop.....motorola wants to keep the ENTIRE market for themselves....I'm surprised that they've not bitched about 3rd party battery vendors!

OH well...my \$0.02 .

John
n4tii%kd4nc.uucp@gatech.edu

>Bob Witte / HP PMO (Colo Springs) / bobw@col.hp.com / KB0CY / (719) 590-3230

Date: 5 Oct 1993 14:38:32 GMT
From: dog.ee.lbl.gov!agate!msuinfo!uchinews!cs.umd.edu!skates.gsfc.nasa.gov!
bolt.gsfc.nasa.gov!user@network.ucsd.edu
To: info-hams@ucsd.edu

References <swood.749331809@vela.acs.oakland.edu>, <CE6y0v.43r@news.hawaii.edu>,
<28g9pd\$n9e@umcc.umcc.umich.edu>a.
Subject : Re: Stop hunter Harrassment in Michigan

In article <28g9pd\$n9e@umcc.umcc.umich.edu>, tim@umcc.umcc.umich.edu (Tim Tyler) wrote:

Path: bolt.gsfc.nasa.gov!user
From: RBOLT.300@POSTMAN.GSFC.NASA.GOV (Lightning Bolt)
Newsgroups: mi.misc
Followup-To: mi.misc,alt.great-lakes,rec.radio.amateur.misc

Distribution: world
Subject: Re: Stop hunter Harrassment in Michigan
Message-ID: <RBOLT.300-051093221315@bolt.gsfc.nasa.gov>
References: <swood.749331809@vela.acs.oakland.edu>
Organization:

Lets hear it for the HUNTERS WHO USE HAM EQUIPMENT TO KILL ANIMALS!!! Lets put beacons on the deer so we can kill them sooner and go home to the warm fires!! SICK

Why do they have to kill? Why not spot them and bring the family to see this blessed event we are lucky enough to have in our midst. What will you do for killing when the animals are gone? What will your kids think of you when you are older and this animal killing has been bred out of us? If my family was starving, I would hunt, likely even potch! I would NEVER kill an animal for SPORT. Never for food just because I liked deer meat. I would never use the excuse it was for their own benefit to thin out the population so they will not starve! Send them to my back yard. We have several dozen at work and every one enjoys them except the motorcycle guy that tried to go under one on the way home! Dick

IYou sure tried to hid the posts to come, must feel guilty!!

Date: 5 Oct 93 18:22:34 GMT
From: ogicse!uwm.edu!spool.mu.edu!mixcom.com!kevin.jessup@network.ucsd.edu
To: info-hams@ucsd.edu

References <28f93b\$s0f@cville-srv.wam.umd.edu>, <wFTuac1w165w@nj8j.atl.ga.us>, <EMERY.930ct4174807@bert.cs.byu.edu>
Subject : Re: Motorola ad in QST?

In <EMERY.930ct4174807@bert.cs.byu.edu> emery@bert.cs.byu.edu (Emery Weber) writes:

>Yes, but if I buy it I don't think it is piracy to modify it and if I can
>find "hidden" features, what is wrong with enabling them. It would
>be piracy if I made a copy of their software and then sold the copy.

This is a typical technique used by many manufacturers of industrial, consumer and medical electronic microprocessor based equipment.

It's typical of upper management/marketing/field service people to ask the software engineers to "design-in" "full" functionality in a "base" model unit. They can then bill the unsuspecting consumer when they "install" (when all that's really done is to enable) the "new" option.

Later, the aboved mentioned personnel come back whining after the special key-sequence is somehow "leaked" or passed on to individuals or corporations who have not purchased the option.

Note I am NOT talking about the use of a special "enabling" diskette or program or whatever here, but knowledge of a simple key sequence.

Where I work (we manufacture medical equipment), we have long ago abandoned the use of "passwords" to enable "optional" software.

While I do NOT support those who illegally obtain such key-sequences, I also believe certain manufacturers reap what they have sown.

--

Kevin Jessup !politically_correct

The U.S. Constitution defines the rights the people
give to the government, not the reverse!

End of Info-Hams Digest V93 #1184
